NFRC Product Line Summary (2020 Std)

Simulation Report # FLE20002-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Edge |s| Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - Partial (AP)
Sash Type: Aluminum w/ Thermal Breaks - Partial (AP)

Product Line ID: FLE-M-120
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 10/29/2020
Simulation Revision Date: 5/11/2022
Report Type: Simple Addendum
Simulation Lab Code: SWWW

Note: Options without numbers are grouped with the option(s) above

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
055	CIG366/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.020(2)	SS-D	N,G	**0.37**	**31**	CL	**0.26**	0.59	**0.24**	0.53	**0.21**	0.46
056	CIG366-i89/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.32**	**31**	CL	**0.25**	0.58	**0.23**	0.51	**0.21**	0.45
057	CIG272/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.042(2)	SS-D	N,G	**0.38**	**31**	CL	**0.38**	0.66	**0.34**	0.58	**0.30**	0.51
058	CIG272-i89/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.33**	**31**	CL	**0.37**	0.64	**0.33**	0.57	**0.30**	0.50
059	CIG180/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.068(2)	SS-D	N,G	**0.39**	**31**	CL	**0.56**	0.73	**0.50**	0.64	**0.45**	0.57
060	CIG180-i89/Arg 8mm SS-D	0.315, 0.315	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.33**	**31**	CL	**0.54**	0.71	**0.48**	0.63	**0.43**	0.55
061	Clear/Air 10mm A1-D	0.394, 0.394	0.476	AIR		A1-D	N,G	**0.57**	**30**	CL	**0.67**	0.76	**0.60**	0.67	**0.53**	0.59
062	SN68/Air 10mm A1-D	0.394, 0.394	0.476	AIR	0.039(2)	A1-D	N,G	**0.42**	**31**	CL	**0.36**	0.64	**0.32**	0.57	**0.29**	0.50
	sBZ-SN68/Air 10mm A1-D	0.394, 0.394	0.476	AIR	0.039(3)	A1-D	N,G	**0.42**	**31**	BZ	**0.24**	0.27	**0.22**	0.24	**0.20**	0.21
063	SN68/Arg 10mm A1-D	0.394, 0.394	0.476	ARG	0.039(2)	A1-D	N,G	**0.38**	**31**	CL	**0.35**	0.64	**0.32**	0.57	**0.28**	0.50
064	SNX62/Air 10mm A1-D	0.394, 0.394	0.476	AIR	0.020(2)	A1-D	N,G	**0.41**	**31**	CL	**0.26**	0.58	**0.24**	0.51	**0.21**	0.45
065	SNX62/Arg 10mm A1-D	0.394, 0.394	0.476	ARG	0.020(2)	A1-D	N,G	**0.37**	**31**	CL	**0.26**	0.58	**0.23**	0.51	**0.21**	0.45
066	SN68/Arg 10mm ZF-S	0.394, 0.394	0.438	ARG	0.039(2)	ZF-S	N,G	**0.37**	**31**	CL	**0.35**	0.64	**0.32**	0.57	**0.28**	0.50
067	SN68-IS20/Arg 10mm ZF-S	0.394, 0.394	0.438	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.33**	**31**	CL	**0.34**	0.62	**0.31**	0.55	**0.27**	0.48
068	SNX62/Arg 10mm ZF-S	0.394, 0.394	0.438	ARG	0.020(2)	ZF-S	N,G	**0.36**	**31**	CL	**0.26**	0.58	**0.23**	0.51	**0.21**	0.45
069	SNX62-IS20/Arg 10mm ZF-S	0.394, 0.394	0.438	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.32**	**31**	CL	**0.25**	0.56	**0.22**	0.50	**0.20**	0.44
070	SN68/Arg 10mm TS-D	0.394, 0.394	0.440	ARG	0.039(2)	TS-D	N,G	**0.37**	**31**	CL	**0.35**	0.64	**0.32**	0.57	**0.28**	0.50
071	SN68-IS20/Arg 10mm TS-D	0.394, 0.394	0.440	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.33**	**31**	CL	**0.34**	0.62	**0.31**	0.55	**0.27**	0.48
072	SNX62/Arg 10mm TS-D	0.394, 0.394	0.440	ARG	0.020(2)	TS-D	N,G	**0.37**	**31**	CL	**0.26**	0.58	**0.23**	0.51	**0.21**	0.45
073	SNX62-IS20/Arg 10mm TS-D	0.394, 0.394	0.440	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.32**	**31**	CL	**0.25**	0.56	**0.22**	0.50	**0.20**	0.44

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

WESTLab

Initials: SZ

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ANSI/NFRC 100/200-2020/NFRC 500-2020 Simulation Report

WESTLab Report No.:	**FLE20002-1A-SS**
WESTLab Report Date:	**10/29/2020**
Revision/Addendum Date:	**5/11/2022**
NFRC Product Line ID:	**FLE-M-120**
Report Type:	**Simple Addendum**

Manufacturer: **Fleetwood Windows & Doors**

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ADDENDUM REPORT
Added Matrix Options #55 - #73
(Add 8mm and 10mm glass w/ all spacers)

Model/Series: **Edge |s| Sliding Glass Door**

Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)

Frame Type: Aluminum w/ Thermal Breaks - Partial (AP)

Sash Type: Aluminum w/ Thermal Breaks - Partial (AP)

Baseline Product for U-Factor Validation Testing:

Description: **Simple Addendum - No validation unit required.** See original WESTLab report FLE20002-HH for validation product details.

Simulated U-factor:

Test Size (mm): **x**

Physical Test Tolerance: *to*

Notes: *Manufacturer must have the product described above tested by an accredited physical testing laboratory. Physical test window U-factor results must be within the tolerance range listed above. The baseline product simulated U-factor is within 20% or 0.10 of the lowest simulated U-factor listed in the matrix (as allowed by ANSI/NFRC 100-2020) unless otherwise noted in the "Other Notes and Comments" section.*

Signature of Simulator In-Responsible-Charge: Staci Zastrow

Staci Zastrow, Certified Simulator

Disclaimers/Notes:

The window U-factor, SHGC, VT & CR values presented in this report were determined using the Therm and Window computer programs in full compliance with ANSI/NFRC 100-2020, ANSI/200-2020 and NFRC 500-2020, and from information supplied by the manufacturer. This report does not constitute certification of this product and only relates to the fenestration products simulated. Authorized use of any U-factor, SHGC Visible Transmittance and Condensation Resistance ratings may only be granted by the Certification Program Administrator.
WESTLab does not imply or claim that the product simulated in this report will perform as stated in actual use conditions. This report is the property of WESTLab and the client, and must not be reproduced, except in full, without written approval from WESTLab and the client.
Ratings values included in this report are for submittal to an NFRC-licensed IA are not meant to be used directly for labeling purposes. Only those values identified on a valid Certification Authorization Report (CAR) by an NFRC accredited Inspection Agency (IA) are to be used for labeling purposes. Rounding of values in this report is per NFRC 601 NFRC unit and measurement policy.

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